

ABSTRACT OF THE DISCLOSURE

A routing control system comprising a spanning tree producing portion provided in a master node of a radio access network. The spanning tree producing portion produces a spanning tree of the network whenever it receives connection information sent from slave nodes of the network. The spanning tree is delivered to each slave node. A memorizing portion is provided in each of the nodes and memorizes the spanning tree as a routing table. A health check portion is provided in each of the nodes and transmits the connection information to the spanning tree producing portion when topology change of the network is detected. The said health check portion updates the routing table in cooperation with those of adjacent nodes.